| Index of Claims                      | Application/Control No. | Applicant(s)/Patent under<br>Reexamination |
|--------------------------------------|-------------------------|--|
|                                      | 10/653,826              | LAI ET AL.                                 |
|                                      | Examiner                | Art Unit                                   |
|                                      | Tan V. Mai              | 2193                                       |
| √ Rejected — (Through nume Cancelled | ral) Non-Elected        | A Appeal                                   |

Restricted

|          |          |  |            |          |  |  |              |  |  |          |     |                        |          |          |          |          |          |          | Ů            |          |                |          |     |                        |            |          |          |          | -,-      |                |          |          |           |          |
|----------|----------|--|------------|----------|--|--|--------------|--|--|----------|-----|------------------------|----------|----------|----------|----------|----------|----------|--------------|----------|----------------|----------|-----|------------------------|------------|----------|----------|----------|----------|----------------|----------|----------|-----------|----------|
|          |          | _  |            |          |  |  |              |  |  |          | 1   |                        | •        | г—       |          |          |          |          |              |          |                |          | 1   |                        |            |          |          |          |          |                |          |          |           | _        |
| Cla      | im       | <b>⊢</b>   |            | _        | _  | Dat  | e            |  |  | _        | -   | Cla                    | ım       | <u> </u> |          |          | <u> </u> | Date     | <del>}</del> | _        | — <sub>1</sub> |          |     | Cla                    | aim        |          |          | _        | _        | Date           | •        |          | _         | -        |
| Final    | Original | 3/12/07  |            |          |  |  |              |  |  |          |     | Final                  | Original |          |          |          |          |          |              |          |                |          |     | Final                  | Original   |          |          |          |          |                |          |          |           |          |
| <u> </u> | 1        | 7  | $\vdash$   |          |  |  |              | t  | t  |          | 1   |                        | 51       |          |          |          |          |          |              | 寸        | $\neg$         |          | 1   |                        | 101        |          | П        | ╗        |          |                |          |          | $\exists$ | $\neg$   |
|          | 2        | $\sqcap$   |            | T        |  |  | Τ            | Г  |  |          | 1   |                        | 52       |          |          |          |          |          |              | $\neg$   |                |          | 1   |                        | 102        |          |          |          |          |                |          |          | $\neg$    | $\neg$   |
|          | 3        | П  |            | Г        |  |  |              | Γ  |  |          | 1   |                        | 53       |          |          |          |          |          |              |          |                |          |     |                        | 103        |          |          |          |          |                |          |          |           |          |
| -        | 4        | П  |            |          |  |  | Г            | Г  | П  | П        | 1   |                        | 54       |          |          |          |          |          |              |          |                |          | 1   |                        | 104        |          |          |          |          |                |          |          |           |          |
|          | 5        | П  |            | Г        |  |  | Г            |  |  |          | 1   |                        | 55       |          |          |          |          |          |              |          |                |          | ]   |                        | 105        |          |          |          |          |                |          |          |           |          |
|          | 6        | П  |            |          |  |  |              |  |  |          | ]   |                        | 56       |          |          |          |          |          |              |          |                |          |     |                        | 106        |          |          |          |          |                |          |          |           |          |
|          | 7        | П  |            |          |  |  |              |  |  |          |     |                        | 57       |          |          |          |          |          |              |          |                |          | ]   |                        | 107        |          |          |          |          |                |          |          |           |          |
|          | 8        |  |            |          |  |  |              |  |  |          | ] - |                        | 58       |          |          |          |          |          |              |          |                |          | ] . |                        | 108        |          |          |          |          |                |          |          |           |          |
|          | 9        | П  |            |          |  |  |              |  |  |          | ]   |                        | 59       |          |          |          |          |          |              |          |                |          |     |                        | 109        |          |          |          |          |                |          |          |           |          |
|          | 10       | Ц  |            | L        | <u>L</u>   |  |              | 乚  |  | _        | ] . |                        | 60       |          | Ш        |          |          |          |              | _        | _              |          | ļ   |                        | 110        |          |          |          |          | _              |          |          | _         |          |
|          | 11       | Ш  | L          |          | $oxed{oxed}$                                     | L  | L            | 乚  | <u> </u>   | <u> </u> | ]   |                        | 61       |          |          |          |          |          |              | $\perp$  |                |          |     |                        | 111        |          |          |          |          |                |          |          |           |          |
|          | 12       | Ш  | _          | L        | <u></u>  | L  | <u> </u>     | <u> </u>   |  |          |     |                        | 62       |          | Ш        |          |          |          |              | _        | _              |          | ē,  |                        | 112        |          |          |          |          |                |          |          |           |          |
|          | 13       | Ш  |            | _        |  | _  | $\perp$      | L  | <u> </u>   | <u> </u> | 1   |                        | 63       | _        | Ш        |          |          |          | $\perp$      | _        | _              |          |     |                        | 113        | $\sqcup$ | $\sqcup$ | _        |          | $\sqcup$       |          |          |           |          |
| <u> </u> | 14       | Ш  |            |          |  | <u> </u>   | <u> </u>     |  | <u> </u>   |          | ļ.· | <u> </u>               | 64       | Ш        | Ш        | ļ        |          |          |              |          | _              |          |     |                        | 114        | L        | $\Box$   | _        |          |                |          | Ш        |           |          |
|          | 15       | Ш  | _          | <u> </u> | <u> </u>   | _  | _            | _  | <u> </u>   |          |     |                        | 65       |          |          |          |          | _        | _            | _        | _              |          | ÷ . |                        | 115        | _        | _ .      |          |          | _              |          | _        | _         | _        |
|          | 16       | Щ  |            | <u> </u> | <u> _</u>  | _  | L            | L.   | <u> </u>   |          |     |                        | 66       | _        |          |          | _        | _        | _            | _        | _              |          |     | <u></u>                | 116        |          | _        | _        |          |                |          |          | 4         | _        |
|          | 17       | Ш  |            | L_       |  | _  | ┖            | _  | <u> </u>   |          |     |                        | 67       | _        |          | _        | _        | _        | _            | _        | _              |          |     | <u></u>                | 117        |          | _        | _        |          |                |          |          | 4         | _        |
|          | 18       | Ш  |            | L        | _  | _  |              |  | _  | _        | 1   |                        | 68       | _        |          | _        |          | _        | _            | _        | _              |          |     |                        | 118        | _        | _        | _        |          |                |          |          | _         | _        |
|          | 19       | Ц  |            | <u> </u> | <u> </u>   | <u> </u>   | _            | L  | <u> </u>   | _        | ١.  |                        | 69       |          |          | _        | _        | _        | _            | _        | _              |          |     |                        | 119        |          | _        | 4        |          |                |          |          | _         | _        |
|          | 20       | =  | _          |          | $oxed{oxed}$                                     | ┖  | <u> </u>     | <u> </u>   |  |          |     |                        | 70       |          | Щ        | _        | _        | _        | _            |          | _              |          | j.  |                        | 120        |          | _        |          |          |                |          | _        | $\dashv$  | _        |
|          | 21       | V  | _          | _        | _  | L  |              | _  |  |          | ļ   |                        | 71       | $\Box$   |          | _        | _        | _        | _            |          | _              |          |     |                        | 121        |          |          | _        |          | _              |          | _        | _         | _        |
|          | 22       | ~  | _          | <u> </u> |  | <u> </u>   | <u> </u>     | ļ  | _  | _        | Į   |                        | 72       | Ш        |          |          | _        | _        | _            | _        |                |          |     |                        | 122        |          |          | _        |          |                | Щ        |          | $\dashv$  | $\dashv$ |
|          | 23       | <u> </u>   | _          |          | <u> </u>   | ┞_   |              | _  | _  | <u> </u> |     |                        | 73       |          |          | _        |          | _        | _            | _        | _              |          |     | Щ                      | 123        |          | -        | _        |          |                |          |          | $\dashv$  | 4        |
|          | 24       | _  |            | _        | _  | <u> </u>   |              | _  | <u></u>  | _        | 1   |                        | 74       |          |          | _        |          | $\dashv$ | _            | _        | _              |          |     |                        | 124        |          | _        | 4        |          | _              | _        | _        | -         | _        |
|          | 25       | <u> </u>   | _          | <u> </u> | <u> </u>   | <u> </u>   | -            | ⊢  |  | _        | Į.  |                        | 75       |          |          |          |          | $\dashv$ | 4            |          | $\dashv$       |          |     |                        | 125        |          | _        | 4        |          |                | _        |          | $\dashv$  | $\dashv$ |
|          | 26       | $\vdash$   | _          | <u> </u> | ⊢  | ⊢  | -            | ├  | _  | <u> </u> | ┨   |                        | 76       |          | Н        | ᅴ        |          |          | -            |          | $\dashv$       |          | ٠,  | -                      | 126        | Ш        | -        | 4        |          | _              | _        | _        | $\dashv$  | $\dashv$ |
|          | 27       | _  | lacksquare | _        | L  | ┡  | _            | _  | _  | <u> </u> | 4   |                        | 77       |          | Н        | $\dashv$ |          | $\dashv$ | _            | -        | -              |          |     | Щ                      | 127        |          | $\perp$  | 4        |          |                |          | $\dashv$ | $\dashv$  | $\dashv$ |
|          | 28       | ├  | _          | ├-       | ┝  | ├-   | <del> </del> | ⊢  | -  |          | ┨   |                        | 78       | _        | $\vdash$ | $\dashv$ | -        | $\dashv$ | $\dashv$     |          | $\dashv$       | _        | l   | $\vdash$               | 128        | _        | $\dashv$ | -        |          | _              |          | $\dashv$ | $\dashv$  | $\dashv$ |
| <u> </u> | 29       | ⊢  | <u> </u>   | ├        | $\vdash$   | ⊢  | -            | ├-   | ├-   | ├        | ł . |                        | 79       | H        | $\vdash$ | $\dashv$ | -        |          |              | -        |                |          | ·   | <u> </u>               | 129        |          | -        | _        |          |                |          |          | $\dashv$  | $\dashv$ |
|          | 30<br>31 | ├-   | $\vdash$   | ┝        | H  | ┝  | -            | ⊢  | ┝  | ⊢        | ł · |                        | 80<br>81 | -        | $\vdash$ |          | $\dashv$ |          |              |          | $\dashv$       |          | ł   |                        | 130<br>131 | $\vdash$ | $\dashv$ | 4        | -        | -              |          | -        | $\dashv$  | $\dashv$ |
|          | 32       | ⊢  | -          | ├-       |  | ├  | ├            | -  | ├-   | ├        | ┨   |                        | 82       | -        | Н        | $\dashv$ | $\dashv$ | -        |              | -        | $\dashv$       | _        | 1   | $\vdash$               | 132        |          | -        | -        | -        | -              |          |          | -         | $\dashv$ |
|          | 33       | ⊢  | -          | -        | ├  | ├  | -            | ⊢  | ⊢  | ├-       | ┨   |                        | 83       | -        | Н        | ᅱ        |          | -        | $\dashv$     |          | $\dashv$       | _        | ł   | $\vdash$               |            |          | -        | -        |          | _              | -        | $\dashv$ | $\dashv$  | $\dashv$ |
|          | 34       | $\vdash$   | $\vdash$   | -        | -  | $\vdash$   | -            | $\vdash$   | -  | ┝        | ┨   |                        | 84       | $\vdash$ | $\vdash$ | $\dashv$ | $\dashv$ |          |              |          | $\dashv$       | _        | {   | $\vdash$               | 133<br>134 | $\vdash$ | $\dashv$ | $\dashv$ |          |                | $\vdash$ | $\dashv$ | $\dashv$  | $\dashv$ |
|          | 35       | -  | $\vdash$   | -        | $\vdash$   | -  | -            | -  | $\vdash$   | -        | 1   | $\vdash\vdash$         | 85       | $\vdash$ | $\vdash$ | -        | $\dashv$ | -        | $\dashv$     | $\dashv$ | $\dashv$       | -        | 1   |                        | 135        | $\vdash$ | +        | $\dashv$ |          |                |          | -        | $\dashv$  | $\dashv$ |
|          | 36       | <del>  -  </del>                                 | $\vdash$   | -        | -  | +-   | -            | <del>  -</del>                                   | $\vdash$   | -        | 1   | $\vdash$               | 86       | $\vdash$ | Н        | ᅱ        |          |          | $\dashv$     | $\dashv$ | $\dashv$       | _        | 1   | $\vdash \vdash$        | 136        | $\vdash$ | -        | -        |          |                | -        | $\dashv$ | $\dashv$  | $\dashv$ |
|          | 37       | $\vdash$   | $\vdash$   | $\vdash$ | ⊢  | $\vdash$   | $\vdash$     | ┢  | -  | $\vdash$ | 1   | <b></b>                | 87       |          | H        | -        |          | $\dashv$ | -            | -        | $\dashv$       |          | 1   | $\vdash$               | 137        |          | +        | $\dashv$ | -        | -              | $\vdash$ |          | $\dashv$  | $\dashv$ |
|          | 38       | $\vdash$   | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$ | 1   |                        | 88       | $\vdash$ | $\vdash$ | -        |          | $\dashv$ |              |          | -              |          | 1   | -                      | 138        |          | +        | -        | $\dashv$ |                | $\dashv$ | -        | $\dashv$  | ᅱ        |
|          | 39       | $\vdash$   | -          | $\vdash$ | $\vdash$   | $\vdash$   | _            |  | $\vdash$   | _        | 1   |                        | 89       | $\vdash$ | $\vdash$ | $\dashv$ | -        | $\dashv$ | $\dashv$     | $\dashv$ | $\dashv$       | _        | ł   |                        | 139        | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$       | -        |          | $\dashv$  | $\dashv$ |
|          | 40       | $\vdash$   | $\vdash$   | H        |  | Н  | $\vdash$     | $\vdash$   | H  |          | 1   | Н                      | 90       | $\vdash$ | $\vdash$ | -        |          | $\dashv$ | $\dashv$     | $\dashv$ | $\dashv$       | _        | 1   | $\vdash$               | 140        | $\dashv$ | $\dashv$ | -        | $\dashv$ | -              | $\dashv$ |          | $\dashv$  | $\dashv$ |
|          | 41       | $\vdash$   | $\vdash$   | $\vdash$ | <del>                                     </del> | $\vdash$   | $\vdash$     | $\vdash$   | -  | $\vdash$ | 1   | $\vdash \vdash \vdash$ | 91       | $\vdash$ | H        | 一        | $\dashv$ |          | -            | $\dashv$ | $\dashv$       | $\neg$   | 1   | $\vdash \vdash \vdash$ | 141        | $\dashv$ | $\dashv$ | $\dashv$ |          | -              |          |          | $\dashv$  | ᅱ        |
|          | 42       | <del>                                     </del> | $\vdash$   |          | <del>  -  </del>                                 | ┢  | _            | $\vdash$   | H  | $\vdash$ | 1   |                        | 92       | $\vdash$ |          | -        | ᅱ        | ᅱ        | $\dashv$     | -        | $\dashv$       | -        | ı   | $\vdash$               | 142        |          | $\dashv$ | $\dashv$ | $\dashv$ | -              |          |          | $\dashv$  | ᅱ        |
|          | 43       | $\vdash$   | Н          |          | $\vdash$   | Н  | <u> </u>     | <del>                                     </del> | <del>                                     </del> | $\vdash$ | 1   |                        | 93       | Н        | $\vdash$ | $\dashv$ | 7        | _        | _            | $\dashv$ |                | -        | 1   | $\vdash$               | 143        |          | $\dashv$ | $\dashv$ | -        | -              | -        | $\dashv$ | $\dashv$  | ᅱ        |
|          | 44       | $\vdash$   | Н          | $\vdash$ | $\vdash$   | $\vdash$   | $\vdash$     | <del>                                     </del> |  | <u> </u> | 1   |                        | 94       | $\vdash$ |          | $\dashv$ | $\dashv$ | $\dashv$ | +            | $\dashv$ | ┪              | $\dashv$ |     |                        | 144        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$       | $\dashv$ | $\dashv$ | +         | $\dashv$ |
|          | 45       | $\vdash$   | $\vdash$   | _        | $\vdash$   |  | _            | Ι-   |  | -        | 1   | $\vdash$               | 95       | Н        | $\dashv$ | $\neg$   |          | ᅥ        | 7            | +        | ┪              | $\dashv$ |     | $\vdash$               | 145        |          | 十        | $\dashv$ | $\dashv$ | $\dashv$       | $\dashv$ | $\dashv$ | 十         | ᅱ        |
|          | 46       | Ι  | Н          | $\Box$   | $\vdash$   | Т  |              |  |  | $\vdash$ | 1   |                        | 96       | Н        | $\vdash$ |          | $\dashv$ | 7        | $\dashv$     | $\dashv$ | $\dashv$       | _        | l   | $\vdash$ $\dashv$      | 146        | $\dashv$ | $\dashv$ | 寸        | 一        | $\dashv$       | $\neg$   | _        | $\dashv$  | $\dashv$ |
|          | 47       | $\vdash$   | Н          | -        | $\vdash$   | <del>                                     </del> | _            | $\vdash$   | $\vdash$   | _        | 1   |                        | 97       | Н        | $\vdash$ | -        | -        | $\dashv$ | ᅥ            | ᅥ        | $\dashv$       | ᅱ        |     | ├──┤                   | 147        | $\dashv$ | $\dashv$ | 7        | -        | -              | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ |
|          | 48       | $\vdash$   | Н          | H        | _  | $\vdash$   | Н            |  | H  | -        | 1   | Н                      | 98       | Н        |          | 一        | 十        |          | $\dashv$     | $\dashv$ | -              | $\neg$   |     |                        | 148        | $\neg$   | $\dashv$ | 1        | $\dashv$ | -              | _        | $\dashv$ | +         | $\dashv$ |
|          | 49       | $\vdash$   | Н          | Н        | $\vdash$   | $\vdash$   | ┢            |  | Н  |          | 1   | Н                      | 99       | Н        | $\dashv$ | 一        | +        | ᅥ        | $\dashv$     | ┪        | $\dashv$       | ㅓ        |     | H                      | 149        | $\neg$   | $\dashv$ | 7        | $\dashv$ | <del>-  </del> |          | $\dashv$ | $\dashv$  | $\dashv$ |
|          | 50       | $\vdash$   | Н          | П        | $\vdash$   | П  |              | П  | Н  |          | i   |                        | 100      | Н        | $\Box$   | 一        | $\dashv$ | _        | +            | 寸        | ᅥ              | ᅥ        |     | ┝─┤                    | 150        | 一        | 十        | 1        | _        |                | $\dashv$ | $\dashv$ | 十         | $\dashv$ |
|          |          |  |            |          |  |  |              |  |  |          | ,   |                        |          |          |          |          |          |          |              | - 1      | 1              |          |     |                        |            |          |          |          |          |                | 1        |          | . 1       |          |